

Template for comments

Date: 2011-01-10

Document: **Commentaires de LDF/Alutec ISO
WD 10685-3**

1	2	(3)	4	5	(6)	(7)
MB¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment²	Comment (justification for change) by the MB	Proposed change by the MB	Observations on each comment submitted
	5.2	Table 1	Te	<p>The description of Fcrv is "frame curve in dioptres". As it is a curvature is must be expressed in mm or meter.</p> <p>In common use, this curvature radius is converted in lens base by this formula:</p> $\text{Base}=(n-1)/r$ <p>with the refractive index fixed to 1.5 (common glass lens) which leads to</p> $\text{Base}=0.5/r \text{ (example, if } r=100 \text{ mm thus base} = 5)$ <p>If it is assumed that Fcrv is only related to the frame the better unit is mm for this curvature radius, which will be more correct as it does not include the approximation of the refractive index to 1.5 of the supposed lens to be mounted in the frame.</p>	Change description of Fcrv by "frame curve expressed in corresponding base value in dioptres" or better change description by "frame curve expressed in mm"	
	5.2	Table 1	Te	<p>Ftyp is not clear.</p> <p>If it is intended to complete information given by Mat (main material of the frame in ISO 10685-2) for example Acetate when Mat is Plastics, it could be acceptable even if an exhaustive list of material is impossible. But in this case, it does not matter as this field still remains optional and it is not used to presume a treatment to perform on the frame for mounting the lenses.</p> <p>But as it was expressed during WG8 meeting, if this data is used to recommend a specific treatment of the frame for mounting the lenses in it, it is not the correct way. For example, nylon is a big family of polyamide and all of them does not have the same properties or characteristics specially when heating. By only indicating, nylon for Ftyp it will not have a unique way to prepare all the nylon frames for mounting. See the clothes in nylon and all the different temperature of iron that must be carefully adjusted to each type of nylon for ironing.</p>	Replace Ftyp by another data indicating if a specific treatment is required for mounting lenses in the frame and in this case referring to the frame manufacturer instructions. This new data still remains optional.	

¹ **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

² **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

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	5.2	Table 1	Te	The data Rxable is not clear. It is not difficult to the frame manufacturer to answer to a question that concerns the optician or the lab in charge of mounting lenses in the frame. Which range and type of corrective lenses Rxable covers? Does it means that if Rxable data is "yes" than all corrective lenses including the extreme ones could be mounted in the frame?	Clarify Rxable in such a way that the frame manufacturer could give the appropriate information.	
	Annex A	Table A.1	Te	Change the example for Ffang as "6" could be confusing with the base value that is commonly 5 or 6 for spectacles frames.	Change 6 by 8 or 10.	
	Annex A	Table A.1	Te	See comment for of Ftyp (5.2, table1)	Replace Ftyp by another data indicating if a specific treatment is required for mounting lenses in the frame and in this case referring to the frame manufacturer instructions. This new data still remains optional.	
	Annex A	Table A.1	Te	See comment for of Fcrv (5.2, table1)	Change description of Fcrv by "frame curve expressed in corresponding base value in dioptries" or better change description by "frame curve expressed in mm	

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